Title: RESHAPING THIN GLASS SHEETS

FIG. 1

Abstract: An apparatus and methods for bending sheet glass are disclosed. The present invention improves on the state-of-the-art by providing apparatus and methods that prevent unwanted distortion of the glass sheet. The apparatus and methods utilize localized heating at the bend to allow for overall glass sheet temperatures to be reduced, along with optional mechanical devices for improved bend quality.
Published:

— with international search report (Art. 21(3))
International application No.
PCT/US 12/58950

A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - C03B 23/023 (2012.01)
USPC - 65/291

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
IPC(08) - C03B 23/023 (2012.01)
USPC ? 65/291

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PatBase; Google (Patents, Scholar); glass;
bend?bent/deform/shap*/reshap*; sheet/lite%/pane%/panel%/plate%/windscreen/windshield;

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category*</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>US 5,066,320 A to Lehto et al. (hereinafter Lehto) 19 November 1991 (19.1.1991) col 5, in 8-27; Fig 8; col 8, in 3-12; col 7, in 64 ? col 8, in 2</td>
<td>1-2, 9-21</td>
</tr>
<tr>
<td>Y</td>
<td>US 2010/0129602 A1 (Dejneka) 27 May 2010 (27.05.2010) para [0041-42]</td>
<td>3-8, 22-23</td>
</tr>
<tr>
<td>A</td>
<td>US 4,173,461 A (Ebata et al.) 06 November 1979 (06.1.1979), entire reference</td>
<td>1-23</td>
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</tbody>
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Further documents are listed in the continuation of Box C.

* Special categories of cited documents:
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Date of the actual completion of the international search
10 December 2012 (10.12.2012)

Date of mailing of the international search report
04 JAN 2013

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